

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                            | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------------------|------------------|---------|------------------|
| L2    | 190  | http with (head same post same put)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L3    | 90   | L2 same2 (upload\$3 send\$3 transmit\$4 transfer\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L4    | 23   | L3 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L5    | 39   | ((file packet data) near5 (unique) near3 (id identifier number descriptor)) same (restart\$3 resum\$3) same (interrupt\$5 terminat\$5 fail\$4) | US-PGPUB;<br>USPAT             | OR               | ON      | 2012/08/07 23:34 |
| L6    | 16   | L5 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L7    | 7914 | (interrupt\$4 or fail\$4 or disconnect\$4 or error or crash\$4) near4 (download\$4 or upload\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L8    | 4944 | (reestablish\$5 or recommenc\$4 or commenc\$4 or reconnect\$4) near4 (session or upload\$4 or download\$4)                                     | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L9    | 3815 | resum\$6 near4 (session or upload\$4 or download\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L10   | 8241 | L8 or L9   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L11   | 392  | L7 same L10  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L12   | 12   | L11 same packet  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
| L13   | 107  | L11 same (frame or section or portion or piece or part\$5)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR               | ON      | 2012/08/07 23:34 |
|       |      |  |                                |                  |         |                  |

|     |       |  |                                |    |    |                     |
|-----|-------|--|--------------------------------|----|----|---------------------|
| L14 | 116   | L12 or L13   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L15 | 11    | "7721104".pn. "7095519".pn.<br>"20020143971".pn. "7289817".pn.<br>"20050033821".pn.<br>"20040003266".pn.<br>"20020028430".pn. "6058395".pn.<br>"20080114950".pn.<br>"20060129631".pn.<br>"20040057075".pn. | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L16 | 8     | L14 and L15  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L17 | 7914  | (interrupt\$4 or fail\$4 or disconnect\$4<br>or error or crash\$4) near4<br>(download\$4 or upload\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L18 | 4944  | (reestablish\$5 or recommend\$4 or<br>commenc\$4 or reconnect\$4) near4<br>(session or upload\$4 or download\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L19 | 3815  | resum\$6 near4 (session or upload\$4<br>or download\$4)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L20 | 8241  | L18 or L19   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L21 | 392   | L17 same L20   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L22 | 12    | L21 same packet  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L23 | 107   | L21 same (frame or section or portion<br>or piece or part\$5)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L24 | 116   | L22 or L23   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L25 | 15328 | 705/8.ccls. 709/231-236.ccls. 709/248  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L26 | 362   | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>23:34 |
| L27 | 9     | L25 and L26  | US-PGPUB;<br>USPAT;            | OR | ON | 2012/08/07<br>23:34 |

|     |         |   |                          |    |    |                  |
|-----|---------|---|--------------------------|----|----|------------------|
|     |         |   | IBM_TDB                  |    |    |                  |
| S1  | 68      | (upload\$3 near5 (request\$3 message) near5 (schedul\$3))                             | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/11 18:06 |
| S2  | 5       | higgins-steven.in.  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 09:32 |
| S3  | 1       | "20050114448"   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 09:37 |
| S4  | 4       | (partial near5 upload\$3).ab.   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 10:17 |
| S5  | 75      | (partial near5 upload\$3)   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 10:18 |
| S6  | 50      | S5 and @ad<"20040318"   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 10:19 |
| S7  | 3337    | http near2 (post put head)  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 14:18 |
| S8  | 2984    | S7 and (upload\$3 transfer\$3 synchroniz\$4)  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 14:19 |
| S9  | 703     | S7 and ((upload\$3 transfer\$3 synchroniz\$4) with (schedul\$3 time))                 | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 14:20 |
| S10 | 117     | S7 and ((upload\$3 transfer\$3 synchroniz\$4) with (schedul\$3 time) with request\$3) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 14:21 |
| S11 | 2       | "20030045357".pn.<br>"20030088778".pn.  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 14:28 |
| S12 | 2       | "20040198426"   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 14:36 |
| S13 | 1       | "20050209927"   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 14:36 |
| S14 | 799     | (upload\$3 near5 (portion piece))   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2007/12/12 16:49 |
| S15 | 3896310 | (upload\$3 near5 content near   | US-                      | OR | ON | 2007/12/12       |

|     |     |   |                                    |    |    |                     |
|-----|-----|---|------------------------------------|----|----|---------------------|
|     |     | "5"(portion piece))   | PGPUB;<br>USPAT;<br>IBM_TDB        |    |    | 17:09               |
| S16 | 65  | (upload\$3 near5 content near5<br>(portion piece))  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/12<br>17:09 |
| S17 | 1   | "20030120802"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/12<br>18:03 |
| S18 | 16  | trigger\$3 near5 upload\$3 near5<br>request\$3  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>11:06 |
| S19 | 2   | receiv\$3 near3 trigger\$3 near5<br>upload\$3 near5 request\$3  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>11:11 |
| S20 | 213 | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3)                        | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>11:15 |
| S21 | 8   | "20030084128".pn. "6738635".pn.<br>"20040010490".pn. "6785786".pn.<br>"20040005873".pn.<br>"220020194205".pn.<br>"20030120802".pn.<br>"20020156921".pn. "7257389".pn. | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>11:59 |
| S22 | 8   | "20030084128".pn. "6738635".pn.<br>"20040010490".pn. "6785786".pn.<br>"20040005873".pn.<br>"220020194205".pn.<br>"20030120802".pn.<br>"20020156921".pn. "7257386".pn. | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>12:00 |
| S23 | 9   | "20030084128".pn. "6738635".pn.<br>"20040010490".pn. "6785786".pn.<br>"20040005873".pn.<br>"20020194205".pn.<br>"20030120802".pn.<br>"20020156921".pn. "7257386".pn.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>12:00 |
| S24 | 3   | S23 and recovery  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>12:00 |
| S25 | 0   | S23 and (recover\$3 near error)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>12:01 |
| S26 | 0   | S23 and (recover\$3 near interruption)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>12:01 |
| S27 | 0   | S23 and (recover\$3 near5<br>interruption)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>12:01 |
| S28 | 0   | S23 and (recover\$3 near5 error)  | US-<br>PGPUB;                      | OR | ON | 2007/12/13<br>12:01 |

|     |      |   |                                    |    |    |                     |
|-----|------|---|------------------------------------|----|----|---------------------|
|     |      |   | USPAT;<br>IBM_TDB                  |    |    |                     |
| S29 | 4    | S23 and (recover\$3)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>12:01 |
| S30 | 3    | S23 and (interrupt\$4)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/13<br>12:08 |
| S31 | 9517 | aaltonen-janne.in. hannikainen-ari.in.<br>muhonen-ahti.in. vainio-antti.in.<br>nokia.as. (nokia adj corporation).as.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>15:12 |
| S32 | 179  | S31 and upload\$3   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>15:12 |
| S33 | 4240 | S31 and (upload\$3 transfer\$3)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>15:13 |
| S34 | 995  | S31 and (upload\$3 transfer\$3).clm.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>15:13 |
| S35 | 10   | S34 and (schedule).clm.   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>15:13 |
| S36 | 15   | "5493692".pn. "20020021809".pn.<br>"20020023264".pn.<br>"20020069406".pn.<br>"20020078228".pn.<br>"20020087549".pn.<br>"20020087997".pn. "6452930".pn.<br>"20020160805".pn.<br>"20020184457".pn.<br>"20030084177".pn.<br>"20030095540".pn.<br>"20030104801".pn.<br>"20030134653".pn.<br>"20030174645".pn. | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>15:23 |
| S37 | 3    | S36 and schedule  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>15:24 |
| S38 | 9608 | 705/8.cds. 709/231-236.cds. 709/248   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>16:37 |
| S39 | 214  | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>16:38 |
| S40 | 5    | S38 and S39   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2007/12/18<br>16:38 |

|     |        |  |                                    |    |    |                     |
|-----|--------|--|------------------------------------|----|----|---------------------|
| S41 | 3792   | (upload\$3 with request)   | US-<br>PGPUB;<br>USPAT             | OR | ON | 2008/06/11<br>15:38 |
| S42 | 2318   | S41 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:38 |
| S43 | 239    | S42 and (receiv\$3 with schedul\$3)                              | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:38 |
| S44 | 1305   | S42 and (receiv\$3 with (schedul\$3 time))                       | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:39 |
| S45 | 117    | (upload\$3 with request).ab.                                     | US-<br>PGPUB;<br>USPAT             | OR | ON | 2008/06/11<br>15:40 |
| S46 | 79     | S45 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:40 |
| S47 | 33     | S46 and (receiv\$3 with (schedul\$3 time))                       | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:42 |
| S48 | 2      | S46 and (receiv\$3 with (schedul\$3))                            | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:43 |
| S49 | 4      | (sender) with (send sending) with (upload) with (request)        | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:51 |
| S50 | 0      | S49 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:51 |
| S51 | 8      | (sender) with (upload) with (request)                            | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:52 |
| S52 | 1      | S51 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:52 |
| S53 | 149    | (sender) with (upload update) with (request)                     | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:55 |
| S54 | 52     | (sender) with (send sending) with (upload update) with (request) | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:55 |
| S55 | 815707 | "114" and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:55 |

|     |        |   |                                |    |    |                     |
|-----|--------|---|--------------------------------|----|----|---------------------|
| S56 | 815707 | "114" and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:55 |
| S57 | 32     | S54 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>15:55 |
| S58 | 1      | "5742668".pn.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>16:15 |
| S59 | 497    | upload adj request  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>16:16 |
| S60 | 322    | S59 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>16:16 |
| S61 | 32     | S60 and (receiv\$3 with (schedul\$3))   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>16:16 |
| S62 | 32     | S60 and (receiv\$3 with (schedul\$3))   | US-PGPUB;<br>USPAT             | OR | ON | 2008/06/11<br>16:17 |
| S63 | 12634  | ((receiv\$3) with (determin\$3) with (schedule time)) and (upload\$3 download\$3)                     | US-PGPUB;<br>USPAT             | OR | ON | 2008/06/11<br>16:32 |
| S64 | 619    | ((receiv\$3) with (determin\$3) with (schedule)) and (upload\$3 download\$3)                          | US-PGPUB;<br>USPAT             | OR | ON | 2008/06/11<br>16:41 |
| S65 | 360    | S64 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>16:41 |
| S66 | 9      | ((receiv\$3) with (determin\$3) with (upload\$3) with (schedule)) and (upload\$3 download\$3)         | US-PGPUB;<br>USPAT             | OR | ON | 2008/06/11<br>16:42 |
| S67 | 6      | S66 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>16:42 |
| S68 | 1      | (receiver) near3 determine near3 (when time schedul\$3) with (down\$1load\$3) with (data file)        | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>17:26 |
| S69 | 15     | (receiver client) near3 determine near3 (when time schedul\$3) with (down\$1load\$3) with (data file) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>17:27 |
| S70 | 10     | S69 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>17:27 |
| S71 | 2      | "20070005809".pn.   | US-PGPUB;                      | OR | ON | 2008/06/11<br>17:37 |

|     |     |   |                                    |    |    |                     |
|-----|-----|---|------------------------------------|----|----|---------------------|
|     |     |   | USPAT;<br>DERWENT                  |    |    |                     |
| S72 | 1   | "2003087248"  | JPO                                | OR | ON | 2008/06/11<br>17:38 |
| S73 | 0   | "1730933"   | EPO                                | OR | ON | 2008/06/11<br>18:24 |
| S74 | 0   | (upload\$3 with request\$3 with<br>schedule)  | EPO                                | OR | ON | 2008/06/11<br>18:24 |
| S75 | 141 | (upload\$3 with request\$3) and<br>(upload\$3 with schedule)  | US-<br>PGPUB;<br>USPAT             | OR | ON | 2008/06/11<br>18:25 |
| S76 | 84  | S75 and @ad<"20040318"  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>18:25 |
| S77 | 46  | (upload\$3 with request\$3 with<br>schedule)  | US-<br>PGPUB;<br>USPAT             | OR | ON | 2008/06/11<br>18:26 |
| S78 | 27  | S77 and @ad<"20040318"  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>18:26 |
| S79 | 105 | (client receiver) with (determin\$3<br>manag\$3 analyz\$3 evaluat\$3<br>estimat\$3) with (upload\$3 ) with<br>(schedul\$3 arrange\$4 timing timetable<br>timeline time) | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>18:42 |
| S80 | 58  | S79 and @ad<"20040318"  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>18:43 |
| S81 | 0   | (content) with (receiver) with<br>(determin\$3) with (download\$3) with<br>(schedule)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:28 |
| S82 | 1   | (content) with (receiver) with<br>(determin\$3) with (download\$3) with<br>(time)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:28 |
| S83 | 0   | receiver with manag\$3 with upload\$3<br>with time  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:32 |
| S84 | 67  | (upload\$3 with distribution with<br>management)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:33 |
| S85 | 42  | S84 and @ad<"20040318"  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:33 |
| S86 | 37  | S85 and (schedule table coordinat\$3)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:34 |
| S87 | 37  | S85 and (schedul\$3 table<br>coordinat\$3)  | US-<br>PGPUB;<br>USPAT;            | OR | ON | 2008/06/11<br>21:34 |



|      |       |  | IBM TDB                            |    |    |                     |
|------|-------|--|------------------------------------|----|----|---------------------|
| S88  | 26    | S85 and (schedul\$3 coordinat\$3)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:34 |
| S89  | 22    | S85 and (schedul\$3)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:34 |
| S90  | 2     | ((upload\$3 with distribution with<br>management) same schedule\$3)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:35 |
| S91  | 1     | "20040153569".pn.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:37 |
| S92  | 1     | "20040044899".pn.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:40 |
| S93  | 222   | (receiv\$3) same (upload\$1 with<br>schedul\$3)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:46 |
| S94  | 98    | S93 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/11<br>21:46 |
| S95  | 9485  | 705/8.ccls. 709/231-236.ccls.<br>709/248.ccls.   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/12<br>00:40 |
| S96  | 10406 | aaltonen-janne.in. hannikainen-ari.in.<br>muhonen-ahti.in. vainio-antti.in.<br>nokia.as. (nokia adj corporation).as.                           | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/12<br>00:40 |
| S97  | 1074  | S96 and (upload\$3 transfer\$3).clm.   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/12<br>00:40 |
| S98  | 13    | S97 and (schedule).clm.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/12<br>00:40 |
| S99  | 10368 | 705/8.ccls. 709/231-236.ccls. 709/248  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/12<br>00:41 |
| S100 | 230   | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3) | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/12<br>00:41 |
| S101 | 5     | S99 and S100   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/06/12<br>00:41 |
| S102 | 1     | "2003087248".pn. "20020026645".pn.   | USPAT;                             | OR | ON | 2008/06/12          |

|      |       |  |                                    |    |    |                     |
|------|-------|--|------------------------------------|----|----|---------------------|
|      |       |  | JPO                                |    |    | 00:46               |
| S103 | 2     | "2003087248".pn. "20020026645".pn.   | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/06/12<br>00:46 |
| S104 | 241   | (send\$3 transmit\$4) near5<br>(request\$3) near2 (upload)   | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/03<br>22:50 |
| S105 | 5     | S104 same (upload near4 schedule)  | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/03<br>22:52 |
| S106 | 811   | upload adj3 request  | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/03<br>23:36 |
| S107 | 2     | S106 same (upload near4 schedule)  | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/03<br>23:36 |
| S108 | 812   | upload adj3 request  | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/04<br>09:51 |
| S109 | 59    | S108 same (upload near4 (schedule<br>time))  | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/04<br>09:51 |
| S110 | 59    | S108 same (upload near4 (time))  | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/04<br>09:51 |
| S111 | 33    | S110 and @ad< "20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/04<br>09:51 |
| S112 | 2     | "6035104".pn. "5742905".pn.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/04<br>10:58 |
| S113 | 2     | "6035104".pn. "5742905".pn.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>10:42 |
| S114 | 5     | higgins-steven.in.   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S115 | 1     | (receiver) near3 determine near3<br>(when time schedul\$3) with<br>(down\$1load\$3) with (data file)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S116 | 246   | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3) | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S117 | 11173 | aaltonen-janne.in. hannikainen-ari.in.   | US-                                | OR | ON | 2008/11/06          |

|      |      |   |                                    |    |    |                     |
|------|------|---|------------------------------------|----|----|---------------------|
|      |      | muhonen-ahti.in. vainio-antti.in.<br>nokia.as. (nokia adj corporation).as.  | PGPUB;<br>USPAT;<br>IBM_TDB        |    |    | 11:54               |
| S118 | 1141 | S117 and (upload\$3 transfer\$3).clm.   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S119 | 15   | S118 and (schedule).clm.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S120 | 10   | (sender) with (upload) with (request)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S121 | 1    | S120 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S122 | 1141 | S117 and (upload\$3 transfer\$3).clm.   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S123 | 4160 | (upload\$3 with request)  | US-<br>PGPUB;<br>USPAT             | OR | ON | 2008/11/06<br>11:54 |
| S124 | 2357 | S123 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:54 |
| S125 | 49   | (upload\$3 with request\$3 with<br>schedule)  | US-<br>PGPUB;<br>USPAT             | OR | ON | 2008/11/06<br>11:55 |
| S126 | 27   | S125 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:55 |
| S127 | 114  | (client receiver) with (determin\$3<br>manag\$3 analyz\$3 evaluat\$3<br>estimat\$3) with (upload\$3 ) with<br>(schedul\$3 arrange\$4 timing timetable<br>timeline time) | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>11:55 |
| S128 | 813  | upload adj3 request   | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/06<br>11:55 |
| S129 | 813  | upload adj3 request   | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/06<br>11:55 |
| S130 | 59   | S129 same (upload near4 (time))   | US-<br>PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2008/11/06<br>11:55 |
| S131 | 0    | "2002032027".pn.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>12:22 |

|      |       |   |                                |    |    |                     |
|------|-------|---|--------------------------------|----|----|---------------------|
| S132 | 1     | "20020032027".pn.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/11/06<br>12:23 |
| S133 | 61    | (upload\$3 with request\$3 with schedule)   | US-PGPUB;<br>USPAT             | OR | ON | 2009/10/30<br>12:16 |
| S134 | 28    | S133 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:16 |
| S135 | 316   | (receiv\$3) same (upload\$1 with schedul\$3)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:16 |
| S136 | 103   | S135 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:16 |
| S137 | 71    | (sender) with (send sending) with (upload update) with (request)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:16 |
| S138 | 35    | S137 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:16 |
| S139 | 4950  | (upload\$3 with request)  | US-PGPUB;<br>USPAT             | OR | ON | 2009/10/30<br>12:17 |
| S140 | 2446  | S139 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:17 |
| S141 | 12    | (sender) with (upload) with (request)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:17 |
| S142 | 1     | S141 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:17 |
| S143 | 12914 | 705/8.ccls. 709/231-236.ccls. 709/248   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:17 |
| S144 | 266   | (receiv\$3 accept\$3 tak\$3 get\$4) near3 (trigger\$3 activat\$3 prompt\$3 start\$3) near5 (upload\$3 transfer\$4) near5 (request\$3) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:17 |
| S145 | 6     | S143 and S144   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:17 |
| S146 | 963   | upload adj3 request   | US-PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2009/10/30<br>12:18 |

|      |      |   |                                |    |    |                     |
|------|------|---|--------------------------------|----|----|---------------------|
| S147 | 72   | S146 same (upload near4 (time))   | US-PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2009/10/30<br>12:18 |
| S148 | 34   | S147 and @ad< "20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:18 |
| S149 | 66   | (upload\$3 with distribution with management)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:19 |
| S150 | 44   | S149 and @ad< "20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:19 |
| S151 | 22   | S150 and (schedul\$3)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:19 |
| S152 | 26   | S150 and (schedul\$3 coordinat\$3)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:19 |
| S153 | 963  | upload adj3 request   | US-PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2009/10/30<br>12:19 |
| S154 | 34   | S147 and @ad< "20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:19 |
| S155 | 61   | (upload\$3 with request\$3 with schedule)   | US-PGPUB;<br>USPAT             | OR | ON | 2009/10/30<br>12:19 |
| S156 | 28   | S155 and @ad< "20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2009/10/30<br>12:19 |
| S157 | 5365 | (upload\$3 with request)  | US-PGPUB;<br>USPAT             | OR | ON | 2010/04/09<br>10:45 |
| S158 | 2479 | S157 and @ad< "20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:45 |
| S159 | 15   | "5493692".pn. "20020021809".pn.<br>"20020023264".pn.<br>"20020069406".pn.<br>"20020078228".pn.<br>"20020087549".pn.<br>"20020087997".pn. "6452930".pn.<br>"20020160805".pn.<br>"20020184457".pn.<br>"20030084177".pn.<br>"20030095540".pn.<br>"20030104801".pn.<br>"20030134653".pn.<br>"20030174645".pn. | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:45 |

|      |       |  |                                |    |    |                     |
|------|-------|--|--------------------------------|----|----|---------------------|
| S160 | 3     | S159 and schedule  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:45 |
| S161 | 14071 | 705/8.ccls. 709/231-236.ccls. 709/248  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:45 |
| S162 | 278   | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:45 |
| S163 | 7     | S161 and S162  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:45 |
| S164 | 13739 | aaltonen-janne.in. hannikainen-ari.in.<br>muhonen-ahti.in. vainio-antti.in.<br>nokia.as. (nokia adj corporation).as.                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:46 |
| S165 | 1360  | S164 and (upload\$3 transfer\$3).clm.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:46 |
| S166 | 18    | S165 and (schedule).clm.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:46 |
| S167 | 1     | "20020049853".pn.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>10:46 |
| S168 | 2     | "20020049853".pn.<br>"20020142780".pn.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>11:03 |
| S169 | 0     | S168 and (program and processor and<br>memory)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>11:06 |
| S170 | 1     | S168 and (program and processor )  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>11:06 |
| S171 | 1033  | upload adj3 request  | US-PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2010/04/09<br>11:17 |
| S172 | 80    | S171 same (upload near4 (time))  | US-PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2010/04/09<br>11:17 |
| S173 | 34    | S172 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>11:17 |
| S174 | 69    | (upload\$3 with request\$3 with<br>schedule)   | US-PGPUB;<br>USPAT             | OR | ON | 2010/04/09<br>11:17 |

|      |      |  |                                |    |    |                     |
|------|------|--|--------------------------------|----|----|---------------------|
| S175 | 29   | S174 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>11:17 |
| S176 | 3    | "20020049853".pn.<br>"20020142780".pn.<br>"20030084128".pn.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>11:35 |
| S177 | 5443 | http near3 (Post put)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>12:53 |
| S178 | 288  | S177 same (upload\$4)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>12:53 |
| S179 | 4    | S178 same (resum\$5)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>12:54 |
| S180 | 1    | S179 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/04/09<br>12:54 |
| S181 | 1    | "20050209927".pn.  | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>15:45 |
| S182 | 2    | "20020142780".pn.<br>"20020049853".pn.   | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>15:55 |
| S183 | 6    | "20020142780".pn.<br>"20020049853".pn.<br>"20040260863".pn. "6134237".pn.<br>"20020154600".pn. "2030120675".pn.<br>"20040260889".pn.                       | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>15:58 |
| S184 | 7    | "20020142780".pn.<br>"20020049853".pn.<br>"20040260863".pn. "6134237".pn.<br>"20020154600".pn. "2030120675".pn.<br>"20040260889".pn.<br>"20050152315".pn.  | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>17:02 |
| S185 | 7    | "20020142780".pn.<br>"20020049853".pn.<br>"20040260863".pn. "6134237".pn.<br>"20020154600".pn. "2030120675".pn.<br>"20040260889".pn.<br>"20020152315".pn.  | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>17:03 |
| S186 | 6    | "20020142780".pn.<br>"20020049853".pn.<br>"20040260863".pn. "6134237".pn.<br>"20020154600".pn. "2030120675".pn.<br>"20040260889".pn.<br>"200200152315".pn. | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>17:03 |
| S187 | 7    | "20020142780".pn.<br>"20020049853".pn.<br>"20040260863".pn. "6134237".pn.<br>"20020154600".pn. "2030120675".pn.<br>"20040260889".pn.<br>"20020152315".pn.  | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>17:03 |

|      |      |   |                                |    |    |                     |
|------|------|---|--------------------------------|----|----|---------------------|
| S188 | 1952 | ((file packet data) near5 (id identifier number descriptor ) same (restart\$3 resum\$3) same (interrupt\$5 terminat\$5 fail\$4)                   | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>18:40 |
| S189 | 15   | S188 same (upload\$3 uplink\$3)   | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>18:41 |
| S190 | 25   | ((file packet data) near5 (unique) near3 (id identifier number descriptor )) same (restart\$3 resum\$3) same (interrupt\$5 terminat\$5 fail\$4)   | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>19:08 |
| S191 | 15   | S190 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/08/16<br>19:08 |
| S192 | 49   | ((file packet data) near5 ( one each) near3 (id identifier number descriptor ) same (restart\$3 resum\$3) same (interrupt\$5 terminat\$5 fail\$4) | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/16<br>19:41 |
| S193 | 29   | S192 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/08/16<br>19:47 |
| S194 | 327  | ((file packet data) near3 (id identifier number descriptor ) with (restart\$3 resum\$3) same (interrupt\$5 terminat\$5 fail\$4)                   | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/17<br>11:42 |
| S195 | 327  | ((file packet data) near3 (id identifier number descriptor ) with (restart\$3 resum\$3)) same (interrupt\$5 terminat\$5 fail\$4)                  | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/17<br>11:43 |
| S196 | 14   | S195 same ((complet\$5 sucessful\$4) near5 (upload\$4 transfer\$5 transmit\$5 sent))  | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/17<br>11:44 |
| S197 | 20   | S195 same2 ((complet\$5 sucessful\$4) near5 (upload\$4 transfer\$5 transmit\$5 sent))   | US-PGPUB;<br>USPAT             | OR | ON | 2010/08/17<br>11:44 |
| S198 | 13   | S197 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/08/17<br>11:44 |
| S199 | 13   | S198 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/08/17<br>11:48 |
| S200 | 234  | S195 and @ad<"20040318"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/08/17<br>11:48 |
| S201 | 2    | "20030045357".pn.<br>"20030088778".pn.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/27<br>17:23 |
| S202 | 1898 | (client user) near5 (list table information log journal) near5 (packet) near5 (receiv\$3)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/28<br>17:21 |
| S203 | 1898 | (client user) near5 (list table   | US-                            | OR | ON | 2010/09/28          |



|      |      |   |                          |    |    |                  |
|------|------|---|--------------------------|----|----|------------------|
|      |      | information log journal) near5 (packet) near5 (receiv\$3)   | PGPUB; USPAT             |    |    | 17:21            |
| S204 | 964  | S203 and @ad<"20040318"   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2010/09/28 17:21 |
| S205 | 94   | S203 same (interrup\$5 error retransmit\$5 retransfer\$5 resend\$5)   | US-PGPUB; USPAT          | OR | ON | 2010/09/28 17:27 |
| S206 | 95   | S203 same (interrup\$5 error retransmit\$5 retransfer\$5 resend\$5 disrupt\$4)  | US-PGPUB; USPAT          | OR | ON | 2010/09/28 17:30 |
| S207 | 136  | S203 same (interrup\$5 error retransmit\$5 retransfer\$5 resend\$5 disrupt\$4 not\$1receiv\$3 successful\$2)                        | US-PGPUB; USPAT          | OR | ON | 2010/09/28 17:31 |
| S208 | 68   | S207 and @ad<"20040318"   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2010/09/28 17:31 |
| S209 | 2818 | (send\$3 transmit\$3 transfer\$5) adj4 (server) near5 (list table chart log journal) near5 (receiv\$3 sent transmitted transferred) | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2010/09/28 17:42 |
| S210 | 191  | S209 same (interrup\$5 error retransmit\$5 retransfer\$5 resend\$5 disrupt\$4 not\$1receiv\$3 successful\$2)                        | US-PGPUB; USPAT          | OR | ON | 2010/09/28 17:58 |
| S211 | 142  | S209 same (interrup\$5 error retransmit\$5 retransfer\$5 resend\$5 disrupt\$4 not\$1receiv\$3 )                                     | US-PGPUB; USPAT          | OR | ON | 2010/09/28 17:58 |
| S212 | 63   | S211 and @ad<"20040318"   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2010/09/28 18:06 |
| S213 | 63   | S212 not S208   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2010/09/28 18:06 |
| S214 | 357  | (log\$4 track\$3 journal\$3 list\$3 table) near5 (every all which the) near5 (packet file data) near5 (receiv\$4)                   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2010/09/28 19:15 |
| S215 | 27   | S214 same (interrup\$5 error retransmit\$5 retransfer\$5 resend\$5 disrupt\$4 not\$1receiv\$3 successful\$2)                        | US-PGPUB; USPAT          | OR | ON | 2010/09/28 19:15 |
| S216 | 75   | S214 same2 (interrup\$5 error retransmit\$5 retransfer\$5 resend\$5 disrupt\$4 not\$1receiv\$3 successful\$2)                       | US-PGPUB; USPAT          | OR | ON | 2010/09/28 19:15 |
| S217 | 43   | S216 and @ad<"20040318"   | US-PGPUB; USPAT          | OR | ON | 2010/09/28 19:15 |
| S218 | 1    | "20020049853".pn.   | US-PGPUB; USPAT          | OR | ON | 2010/09/28 19:27 |
| S219 | 53   | (client) near5 (stor\$3 track\$3 keep\$3) near5 (list table) near5 (packet file data) near3 (received)                              | US-PGPUB; USPAT          | OR | ON | 2010/09/28 19:31 |
| S220 | 32   | S219 and @ad<"20040318"   | US-PGPUB;                | OR | ON | 2010/09/28 19:32 |

|      |        |  | USPAT                       |    |    |                  |
|------|--------|--|-----------------------------|----|----|------------------|
| S221 | 12128  | client near5 (file packet data) adj5 (sent received transferred transmitted)   | US-PGPUB; USPAT             | OR | ON | 2010/09/28 19:36 |
| S222 | 14090  | (server) adj9 (receiv\$3 get\$3 request\$3) near5 (transferred sent transmitted) near5 (packet data file)                            | US-PGPUB; USPAT             | OR | ON | 2010/09/28 19:39 |
| S223 | 595    | S221 same S222   | US-PGPUB; USPAT             | OR | ON | 2010/09/28 19:39 |
| S224 | 5      | S214 same2 ((miss\$3 ) near5 (packet data file))   | US-PGPUB; USPAT             | OR | ON | 2010/09/28 19:40 |
| S225 | 10     | S223 same2 ((miss\$3 ) near5 (packet data file))   | US-PGPUB; USPAT             | OR | ON | 2010/09/28 19:40 |
| S226 | 7      | S223 same ((miss\$3 ) near5 (packet data file))  | US-PGPUB; USPAT             | OR | ON | 2010/09/28 19:40 |
| S227 | 7      | S225 and @ad<"20040318"  | US-PGPUB; USPAT             | OR | ON | 2010/09/28 19:41 |
| S228 | 8256   | (recover\$3 retransmit\$3 identify\$3) near5 (drop lost miss\$4) near5 (packet file data)  | US-PGPUB; USPAT             | OR | ON | 2010/09/28 20:06 |
| S229 | 350844 | (list table log\$3 journal\$3 track\$3 stor\$3) near5 (file data packet) near5 (receiv\$5 sent transmitted transfer\$3)              | US-PGPUB; USPAT             | OR | ON | 2010/09/28 20:07 |
| S230 | 1037   | S228 same2 S229  | US-PGPUB; USPAT             | OR | ON | 2010/09/28 20:08 |
| S231 | 494    | S228 same S229   | US-PGPUB; USPAT             | OR | ON | 2010/09/28 20:08 |
| S232 | 577    | (server transmitter sender uploader) near5 (recover\$3 retransmit\$3 identify\$3) near5 (drop lost miss\$4) near5 (packet file data) | US-PGPUB; USPAT             | OR | ON | 2010/09/28 20:08 |
| S233 | 62     | S232 same S229   | US-PGPUB; USPAT             | OR | ON | 2010/09/28 20:08 |
| S234 | 30     | S233 and @ad<"20040318"  | US-PGPUB; USPAT             | OR | ON | 2010/09/28 20:08 |
| S235 | 1      | "5553083".pn.  | US-PGPUB; USPAT             | OR | ON | 2010/09/28 20:27 |
| S236 | 4      | "20020142780".pn.<br>"20020049853".pn. "6289012".pn.<br>"6957374".pn.  | US-PGPUB; USPAT;<br>IBM TDB | OR | ON | 2010/09/28 21:52 |
| S237 | 0      | S236 and (mobile near3 network)  | US-PGPUB; USPAT;<br>IBM TDB | OR | ON | 2010/09/28 21:53 |
| S238 | 2      | S236 and (cell\$5)   | US-PGPUB;                   | OR | ON | 2010/09/28 21:53 |

|      |       |   |                                    |    |    |                     |
|------|-------|---|------------------------------------|----|----|---------------------|
|      |       |   | USPAT;<br>IBM_TDB                  |    |    |                     |
| S239 | 1     | S236 and (crc cyclic redundancy)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/28<br>21:54 |
| S240 | 1     | "20050209927".pn. and (identif\$5<br>near3 content) and (identify\$5 near5<br>packet)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/28<br>21:56 |
| S241 | 1     | "20030084128".pn.   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/29<br>12:52 |
| S242 | 142   | http with (head same post same put)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/29<br>12:56 |
| S243 | 57    | S242 same2 (upload\$3 send\$3<br>transmit\$4 transfer\$4)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/29<br>12:56 |
| S244 | 23    | S243 and @ad<"20040318"   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/29<br>12:57 |
| S245 | 15393 | 705/8.ccls. 709/231-236.ccls. 709/248   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/29<br>13:50 |
| S246 | 289   | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/29<br>13:50 |
| S247 | 8     | S245 and S246   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/29<br>13:50 |
| S248 | 14635 | aaltonen-janne.in. hannikainen-ari.in.<br>muhonen-ahti.in. vainio-antti-pentti.in.<br>nokia.as.   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2010/09/29<br>13:51 |
| S249 | 11    | S248 and (server transmitter sender<br>uploader) near5 (recover\$3<br>retransmit\$3 identify\$3) near5 (drop<br>lost miss\$4) near5 (packet file data)  | US-<br>PGPUB;<br>USPAT             | OR | ON | 2010/09/29<br>13:51 |
| S250 | 5     | (US-20030033554-\$ or US-<br>20040205149-\$ or US-20030167317-<br>\$).did. or (US-6289012-\$ or US-<br>6957374-\$).did.   | US-<br>PGPUB;<br>USPAT             | OR | ON | 2010/09/29<br>17:25 |
| S251 | 7     | (US-20030033554-\$ or US-<br>20040205149-\$ or US-20030167317-<br>\$).did. or (US-6289012-\$ or US-<br>6957374-\$).did. "20020142780".pn.<br>"20020049853".pn. "6289012".pn.<br>"6957374".pn. | US-<br>PGPUB;<br>USPAT             | OR | ON | 2010/09/29<br>17:39 |
| S252 | 11    | "7721104".pn. "7095519".pn.<br>"20020143971".pn. "7289817".pn.<br>"20050033821".pn.   | US-<br>PGPUB;<br>USPAT;            | OR | ON | 2011/07/20<br>00:13 |

|      |      |  |                                |    |    |                  |
|------|------|--|--------------------------------|----|----|------------------|
|      |      | "20040003266".pn.<br>"20020028430".pn. "6058395".pn.<br>"20080114950".pn.<br>"20060129631".pn.<br>"20040057075".pn.  | IBM_TDB                        |    |    |                  |
| S253 | 6945 | (interrupt\$4 or fail\$4 or disconnect\$4 or error or crash\$4) near4 (download\$4 or upload\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:28 |
| S254 | 4322 | (reestablish\$5 or recommend\$4 or commenc\$4 or reconnect\$4) near4 (session or upload\$4 or download\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:28 |
| S255 | 27   | S253 near7 S254  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:28 |
| S256 | 1    | US-7953822-B2.did.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:28 |
| S257 | 0    | "US-20040047304-A1.did.."  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:29 |
| S258 | 3224 | resum\$6 near4 (session or upload\$4 or download\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:29 |
| S259 | 7104 | S254 or S258   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:29 |
| S260 | 316  | S253 same S259   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:29 |
| S261 | 12   | S260 same packet   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:29 |
| S262 | 77   | S260 same (frame or section or portion or piece or part\$5)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:30 |
| S263 | 86   | S261 or S262   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:30 |
| S265 | 11   | "7721104".pn. "7095519".pn.<br>"20020143971".pn. "7289817".pn.<br>"20050033821".pn.<br>"20040003266".pn.<br>"20020028430".pn. "6058395".pn.<br>"20080114950".pn.<br>"20060129631".pn.<br>"20040057075".pn. | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20 16:37 |
| S266 | 9    | S265 and @ad< "20040318"   | US-PGPUB;                      | OR | ON | 2011/07/20 16:37 |

|      |      |   |                                    |    |    |                     |
|------|------|---|------------------------------------|----|----|---------------------|
|      |      |   | USPAT;<br>IBM_TDB                  |    |    |                     |
| S267 | 2    | S265 not S266   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>16:37 |
| S268 | 6945 | (interrupt\$4 or fail\$4 or disconnect\$4 or error or crash\$4) near4 (download\$4 or upload\$4)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S269 | 4322 | (reestablish\$5 or recommend\$4 or commenc\$4 or reconnect\$4) near4 (session or upload\$4 or download\$4)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S270 | 3224 | resum\$6 near4 (session or upload\$4 or download\$4)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S271 | 7104 | S269 or S270  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S272 | 316  | S268 same S271  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S273 | 12   | S272 same packet  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S274 | 77   | S272 same (frame or section or portion or piece or part\$5)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S275 | 86   | S273 or S274  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S276 | 34   | S275 and @ad< "20040318"  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S277 | 11   | "7721104".pn. "7095519".pn. "20020143971".pn. "7289817".pn. "20050033821".pn. "20040003266".pn. "20020026430".pn. "6058395".pn. "20080114950".pn. "20060129631".pn. "20040057075".pn. | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S278 | 7    | S276 and S277   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S279 | 34   | S276 and S275   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/20<br>18:10 |
| S280 | 8    | S275 and S277   | US-                                | OR | ON | 2011/07/20          |

|      |        |  |                                    |    |    |                     |
|------|--------|--|------------------------------------|----|----|---------------------|
|      |        |  | PGPUB;<br>USPAT;<br>IBM_TDB        |    |    | 18:10               |
| S281 | 16116  | aaltonen-janne.in. hannikainen-ari.in.<br>muhonen-ahti.in. vainio-antti-pentti.in.<br>nokia.as.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/25<br>23:51 |
| S282 | 13     | S281 and (server transmitter sender<br>uploader) near5 (recover\$3<br>retransmit\$3 identify\$3) near5 (drop<br>lost miss\$4) near5 (packet file data) | US-<br>PGPUB;<br>USPAT             | OR | ON | 2011/07/25<br>23:51 |
| S283 | 13323  | 705/8.cds. 709/231-236.cds. 709/248  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/25<br>23:51 |
| S284 | 315    | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3)         | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/25<br>23:51 |
| S285 | 9      | S283 and S284  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2011/07/25<br>23:51 |
| S286 | 1      | "20060129631".pn.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>16:01 |
| S287 | 0      | (each near5 byte near5 (is are near5<br>packet))   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:54 |
| S288 | 0      | (each near5 byte near5 ((is are) near5<br>packet))   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:54 |
| S289 | 34311  | (byte near5 ( packet))   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:55 |
| S290 | 400613 | (byte near5 (represent\$3) ner3 (<br>packet))  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:55 |
| S291 | 1075   | (byte near5 (represent\$3) near3 (<br>packet))   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:55 |
| S292 | 208    | (byte adj5 (represent\$3) adj3 (<br>packet))   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:55 |
| S293 | 5      | ((each one) adj5 byte adj5<br>(represent\$3) adj3 ( packet))   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:55 |
| S294 | 3      | S293 and @ad<"20040318"  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:56 |

|      |       |  |                                    |    |    |                     |
|------|-------|--|------------------------------------|----|----|---------------------|
| S295 | 99    | S292 and @ad<"20040318"  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>17:56 |
| S296 | 208   | (byte adj5 (represent\$3) adj3 (packet))   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:16 |
| S297 | 99    | S296 and @ad<"20040318"  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:16 |
| S298 | 17029 | aaltonen-janne.in. hannikainen-ari.in.<br>muhonen-ahti.in. vainio-antti.in.<br>nokia.as. (nokia adj corporation).as.                           | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:16 |
| S299 | 1611  | S298 and (upload\$3 transfer\$3).clm.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:16 |
| S300 | 24    | S299 and (schedule\$3).clm.  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:16 |
| S301 | 14385 | 705/8.ccls. 709/231-236.ccls. 709/248  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:17 |
| S302 | 340   | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3) | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:17 |
| S303 | 9     | S301 and S302  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:17 |
| S304 | 7412  | (interrupt\$4 or fail\$4 or disconnect\$4<br>or error or crash\$4) near4<br>(download\$4 or upload\$4)   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:17 |
| S305 | 4640  | (reestablish\$5 or recommend\$4 or<br>commenc\$4 or reconnect\$4) near4<br>(session or upload\$4 or download\$4)                               | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:17 |
| S306 | 3529  | resum\$6 near4 (session or upload\$4<br>or download\$4)  | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:17 |
| S307 | 7682  | S305 or S306   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:17 |
| S308 | 358   | S304 same S307   | US-<br>PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/02/07<br>20:17 |
| S309 | 12    | S308 same packet   | US-<br>PGPUB;<br>USPAT;            | OR | ON | 2012/02/07<br>20:17 |

|      |      |   |                          |    |    |                  |
|------|------|---|--------------------------|----|----|------------------|
|      |      |   | IBM_TDB                  |    |    |                  |
| S310 | 7412 | (interrupt\$4 or fail\$4 or disconnect\$4 or error or crash\$4) near4 (download\$4 or upload\$4)  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S311 | 4640 | (reestablish\$5 or recommend\$4 or commenc\$4 or reconnect\$4) near4 (session or upload\$4 or download\$4)  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S312 | 3529 | resum\$6 near4 (session or upload\$4 or download\$4)  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S313 | 7682 | S311 or S312  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S314 | 358  | S310 same S313  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S315 | 12   | S314 same packet  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S316 | 92   | S314 same (frame or section or portion or piece or part\$5)   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S317 | 101  | S315 or S316  | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S318 | 11   | "7721104".pn. "7095519".pn. "20020143971".pn. "7289817".pn. "20050033821".pn. "20040003266".pn. "20020028430".pn. "6058395".pn. "20080114950".pn. "20060129631".pn. "20040057075".pn. | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S319 | 8    | S317 and S318   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/02/07 20:17 |
| S320 | 1    | "20050209927".pn.   | US-PGPUB; USPAT          | OR | ON | 2012/08/07 16:51 |
| S321 | 1    | S320 and storage  | US-PGPUB; USPAT          | OR | ON | 2012/08/07 16:51 |
| S322 | 3    | "20020142780".pn. "20020049853".pn. "20060129631".pn.   | US-PGPUB; USPAT          | OR | ON | 2012/08/07 17:37 |
| S323 | 7925 | http near3 (Post put)   | US-PGPUB; USPAT; IBM_TDB | OR | ON | 2012/08/07 17:37 |



|      |       |  |                                |    |    |                     |
|------|-------|--|--------------------------------|----|----|---------------------|
| S324 | 417   | S323 same (upload\$4)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S325 | 13    | S324 same (resum\$5)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S326 | 1     | S325 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S327 | 20    | (sender) with (upload) with (request)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S328 | 1     | S327 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S329 | 77    | (client) near5 (stor\$3 track\$3 keep\$3)<br>near5 (list table) near5 (packet file<br>data) near3 (received)                                   | US-PGPUB;<br>USPAT             | OR | ON | 2012/08/07<br>17:37 |
| S330 | 33    | S329 and @ad<"20040318"  | US-PGPUB;<br>USPAT             | OR | ON | 2012/08/07<br>17:37 |
| S331 | 15328 | 705/8.ccls. 709/231-236.ccls. 709/248  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S332 | 362   | (receiv\$3 accept\$3 tak\$3 get\$4) near3<br>(trigger\$3 activat\$3 prompt\$3 start\$3)<br>near5 (upload\$3 transfer\$4) near5<br>(request\$3) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S333 | 9     | S331 and S332  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S334 | 1491  | upload adj3 request  | US-PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2012/08/07<br>17:37 |
| S335 | 113   | S334 same (upload near4 (time))  | US-PGPUB;<br>USPAT;<br>JPO     | OR | ON | 2012/08/07<br>17:37 |
| S336 | 37    | S335 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S337 | 190   | http with (head same post same put)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S338 | 90    | S337 same2 (upload\$3 send\$3<br>transmit\$4 transfer\$4)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |

|      |      |  |                                |    |    |                     |
|------|------|--|--------------------------------|----|----|---------------------|
| S339 | 23   | S338 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S340 | 7914 | (interrupt\$4 or fail\$4 or disconnect\$4 or error or crash\$4) near4 (download\$4 or upload\$4)           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S341 | 4944 | (reestablish\$5 or recommend\$4 or commenc\$4 or reconnect\$4) near4 (session or upload\$4 or download\$4) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S342 | 3815 | resum\$6 near4 (session or upload\$4 or download\$4)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S343 | 8241 | S341 or S342   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S344 | 392  | S340 same S343   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S345 | 12   | S344 same packet   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S346 | 107  | S344 same (frame or section or portion or piece or part\$5)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S347 | 116  | S345 or S346   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |
| S348 | 34   | S347 and @ad<"20040318"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2012/08/07<br>17:37 |

**EAST Search History (Interference)**

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